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Michael L. Hine

Special Provision for "Errata for the 2002 Standard Specifications"

April 19, 2002

This special provision was developed by the Bureau of Design and Environment to correct errors and omissions in the Standard Specifications for Road and Bridge Construction, Adopted January 1, 2002.

It should be inserted into all contracts.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 2, 2002 and subsequent lettings. The Project Development and Implementation Section will include the paper copy in the contract.

This special provision will be available on the transfer directory April 19, 2002.

80060m

ERRATA FOR THE 2002 STANDARD SPECIFICATIONS (BDE)

Effective: January 1, 2002
Revised: August 1, 2002

Page vi Change “SECTION 501. BITUMINOUS TREATED EARTH SURFACE…” to “SECTION 501. REMOVAL OF EXISTING STRUCTURES…”.

Page x Change the heading "**WIRE AND CABLE**" to "**LIGHTING, WIRE AND CABLE**".

Page x Change the heading “**CONTROLLER**” to “**LIGHTING CONTROLLER**”.

Page xi Change the heading “**POLE AND TOWER**” to “**LIGHTING POLE AND TOWER**”.

Page xi Change "SECTION 830. METAL POLES…" to "SECTION 830. LIGHT POLES…".

Page xi Change the heading “**FOUNDATION AND BREAKAWAY DEVICES**” to “**LIGHTING FOUNDATION AND BREAKAWAY DEVICES**”.

Page xi Change the heading "**SIGNAL MAINTENANCE**" to "**TRAFFIC SIGNAL MAINTENANCE**".

Page xi Change the heading “**CONTROLLERS**” to “**TRAFFIC SIGNAL CONTROLLERS**”.

Page xii Change the heading “**CONTROL EQUIPMENT**” to “**TRAFFIC SIGNAL CONTROL EQUIPMENT**”.

Page xii Change the heading “**WIREWAY AND CONDUIT SYSTEM**” to “**TRAFFIC SIGNAL WIREWAY AND CONDUIT SYSTEM**”.

Page xii Change the heading “**WIRE AND CABLE**” to “**TRAFFIC SIGNAL WIRE AND CABLE**”.

Page xii Change the heading “**POST AND FOUNDATION**” to “**TRAFFIC SIGNAL POST AND FOUNDATION**”.

Page xii Change the heading “**SIGNAL HEAD**” to “**TRAFFIC SIGNAL HEAD**”.

Page xii Change the heading “**DETECTION**” to “**TRAFFIC SIGNAL DETECTION**”.

Page xii Change the heading “**MICELLANEOUS**” to “**TRAFFIC SIGNAL MICELLANEOUS**”.

Page xiii Change the heading ”**REMOVAL AND RELOCATION**” to “**TRAFFIC SIGNAL REMOVAL AND RELOCATION**”.

Page 12 Article 104.07(d). In the third line of the sixth paragraph change “(B-AC)” to “(B-A-C)”.

Page 13 Article 104.07(d). In the third line of the ninth paragraph change “(B-AC)” to “(B-A-C)”.

Page 30 Article 107.16. In the second sentence of the first paragraph delete “Legal Regulations and Responsibility to Public”.

Page 34 Article 107.22(b). In the fifth line of the first paragraph change “Illinois Department of Conservation” to “Illinois Department of Natural Resources”.

Page 35 Article 107.22(c). In the seventh line of the first paragraph change “Illinois Department of Conservation” to “Illinois Department of Natural Resources”.

Page 35 Article 107.22(c)(2). In the first line of the second paragraph change “Department of Conservation” to “Department of Natural Resources”.

Page 40 Article 107.30. In the third line of the third paragraph change “tp” to “to”.

Page 46 Article 108.04. In the fourth line of the first paragraph change “40 days” to “ten days”.

Page 71 Article 202.03. In the fourth line of the fifth paragraph change “sight” to “site”.

Page 81 Article 205.04(a). In the first line of the second paragraph change “0.5 sq m” to “0.2 sq m”.

Page 81 Article 205.04(a). In the last line of the fourth paragraph change “205.06” to “205.05”.

Page 81 Article 205.04(b). In the last line of the first paragraph change “205.06” to “205.05”.

Page 98 Article 250.07. Change the last CLASS - TYPE listing in the first column from “4 Native Grass 4, 6/” to “4 Native Grass 6/, 8/”.

Page 130 Article 282.03. Delete the first three sentences of the first paragraph.

Page 140 Article 301.05. In the second line of the first paragraph change "Type 8" to "Type B".

Page 144 Article 302.08. In the first sentence of the second paragraph change "not than" to "not less than".

Page 171 Article 312.31. In the seventh line of the second paragraph change “relative durability” to “minimum relative dynamic modulus of elasticity”.

Page 183 Article 352.18(a). Revise the first paragraph to read, “Per square meter (square yard) for PROCESSING SOIL-CEMENT BASE COURSE, of the thickness specified.”

Page 185 Article 353.07. Change “420.10(g)” to “420.10(f)”.

Page 185 Article 353.11. In the third line of the second paragraph change “(160 ft)” to “(16 ft)”.

Page 246 Article 406.23. In the fifth and sixteenth lines of the fifth paragraph change “1102.01(a)(13)” to “1102.01(a)(9)”.

Page 257 Article 420.02(d). Change “1050” to “1050.01, 1050.02”.

Page 257 Article 420.02. Delete “(g) Preformed Elastomeric Compression Joint Seals for Concrete……1053.01”.

Page 301 Article 442.10. In the first line of the second paragraph change “extend” to “extent”.

Page 302 Article 442.10. In the first sentence of the last paragraph change “Class A, Class B, or Class B (Hinge Jointed)” to “Class A or Class B”.

Page 321 Article 450.02(b). Add Article “1051.09” for Preformed Expansion Joint Filler.

Page 338 Article 501.05. Revise the fifth paragraph to read “Removal of existing pipe culverts will be paid for at the contract unit price per meter (foot) for PIPE CULVERT REMOVAL, which price shall include any headwalls or aprons attached to the culvert.”

Page 338 Article 501.05. Revise the sixth paragraph to read “Removal of existing slope wall will be paid for at the contract unit price per square meter (square yard) for SLOPE WALL REMOVAL.”

Page 363 Article 503.17(e)(1). Delete the last sentence of the first paragraph.

Page 380 Article 504.06(c)(6). In the second and sixth lines of the fifth paragraph change "4 °C (40 °F)" to "22 °C (40 °F)".

Page 395 Article 505.04(f)(2). Delete the last sentence of the ninth paragraph.

Page 395 Article 505.04(f)(2). Add the following paragraph after the ninth paragraph, “The fastening systems shall meet the following requirements:”.

Page 406 Article 505.04(q)(1). Change subparagraph “(a)” and “(b)” to “a.” and “b.” respectively.

Page 425 Article 506.04(d). In the first line of the first paragraph change "wither" to "either".

Page 426 Article 506.04(k). In the first and fourth lines of the first paragraph change “must” to “shall”.

Page 459 Article 512.18(l). In the second line of the first paragraph change “TEST PILES” to “TEST PILE”.

Page 485 Article 542.03. In the material list for Class D pipes, change the reference for Corrugated Polyethylene (PE) Pipe with a Smooth Interior from “Article 1040.23” to “Article 1040.22”.

Page 490 Article 542.03, Table IB (English). In the fifth column change the eight occurrences of “0.07” to “0.079”, the seven occurrences of “0.10” to “0.109” and the four occurrences of “0.13” to “0.138”.

Page 492 Article 542.03, Table IC (English). In the third column change the seven occurrences of “0.10” to “0.105”, the two occurrences of “0.13” to “0.135” and the two occurrences of “0.16” to “0.164”.

Page 499 Article 542.03, Table IIIB (English). Revise the table to read:

PIPE CULVERTS (ENGLISH)
TABLE – IIIB: PLASTIC PIPE PERMITTED FOR THE RESPECTIVE DIAMETERS OF PIPE AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter (in.)	Type 3 Fill Height: Greater than 10 ft and not Exceeding 15 ft						Type 4 Fill Height: Greater than 15 ft not Exceeding 20 ft				
	PVC	CPVC	PVCPW -794	PVCPW -304	PE	PEPW	PVC	CPVC	PVCPW -794	PVCPW -304	
10	X	*	NA	NA	X	NA	X	*	NA	NA	
12	X	X	X	X	X	NA	X	X	X	X	
15	X	X	X	X	NA	NA	X	X	X	X	
18	X	X	X	X	X	X	X	X	X	X	
21	X	X	X	X	NA	X	X	X	X	X	
24	X	X	X	X	X	X	X	X	X	X	
30	X	X	X	X	X	X	X	X	X	X	
36	X	X	X	X	X	X	X	X	X	X	

Page 500 Article 542.03, Table IIIC (English). Revise the table to read:

PIPE CULVERTS (ENGLISH)
TABLE - IIIC: PLASTIC PIPE PERMITTED FOR THE RESPECTIVE DIAMETERS OF PIPE AND FILL HEIGHTS OVER THE TOP OF THE PIPE

Nominal Diameter (in.)	Type 5 Fill Height: Greater Than 20 ft Not Exceeding 25 ft				Type 6 Fill Height: Greater than 25 ft Not Exceeding 30 ft				Type 7 Fill Height: Greater than 30 ft, Not Exceeding 35 ft				
	PVC	CPVC	PVCPW -794	PVCPW -304	PVC	CPVC	PVCPW -794	PVCPW -304	PVC				
10	X	*	NA	NA	X	*	NA	NA	X				
12	X	X	X	X	X	X	X	X	X				
15	X	X	X	X	X				X				
18	X	X	X	X	X				X				
21	X	X	X	X	X				X				
24	X	X	X	X	X				X				
30	X				X				X				
36	X				X				X				

Page 505 Article 542.04(h). Add the following paragraphs after the first paragraph:

"For PVC and PE pipe culverts with diameters 600 mm (24 in.) or smaller, a mandrel drag shall be used for deflection testing. For PVC and PE pipe culverts with diameters over 600 mm (24 in.), deflection measurements other than by a mandrel shall be used.

Where the mandrel is used, the mandrel shall be furnished by the Contractor and pulled by hand though the pipeline with a suitable rope or cable connected to each end. Winching or other means of forcing the defection gauge through the pipeline will not be allowed.

The mandrel shall be of a shape similar to that of a true circle enabling the gauge to pass through a satisfactory pipeline with little or no resistance. The mandrel shall be of a design to prevent it from tipping from side to side and to prevent debris build-up form occurring between the channels of the adjacent fins or legs during operation. Each end of the core of the mandrel shall have fasteners to which the pulling cables can be attached. The mandrel shall have nine various sized fins or legs of appropriate dimension for various diameter of pipes. Each fin or leg shall have a permanent marking that states its designated pipe size and percent of deflection allowable.

The outside diameter of the mandrel shall be 95 percent of the base inside diameter, where the base inside diameter is:

(1) For all PVC pipe and Profile Wall PE pipe: as defined using ASTM D 3034 methodology.

(2) For all other PE pipe: the average inside diameter based on the minimum and maximum tolerances specified in the corresponding ASTM or AASHTO material specifications.

If the pipe is found to have a deflection greater than that specified, that pipe section shall be removed, replaced and retested."

Page 508 Article 542.04(g). Delete the first four paragraphs appearing on the page.

Page 579 Article 606.14. In the third line of the second paragraph change "mm (4 in.)" to "MM (4 INCH)".

Page 582 Article 609.07. In the third line of the first paragraph change "TYPE C or D INLET BOX STANDARD 609006" to "TYPE B, C or D INLET BOX STANDARD 609006".

Page 599 Articles 638.02(a) and 638.02(d). Change "1086" to "1085".

Page 635 Article 701.03. Revise the first paragraph to read: "**Equipment.** Equipment shall be according to the following Articles of Section 1100 – Equipment:".

Page 650 Article 701.06(g). Delete the second paragraph.

Page 652 Article 701.08(a). In the third line of the first paragraph change "TARAFFIC" to "TRAFFIC".

Page 652 Article 701.08(a). In the seventh line of the first paragraph change "401411" to "701411".

Page 652 Article 701.08(a). In the ninth line of the first paragraph change "AT THE LOCATION SPECIFIED" to ", at the location specified".

Page 655 Article 702.03(b). Delete the last sentence of the second paragraph.

Page 661 Article 703.04. In the eighth line of the first paragraph change "four degree" to " 45 degree".

Page 693 Article 780.10. Revise the second sentence of the ninth paragraph to read "The bond shall be executed prior to acceptance and final payment of the non-pavement marking items and shall be in full force and effect until final performance inspection and performance acceptance of the epoxy, thermoplastic, preformed thermoplastic, and preformed plastic pavement markings."

Page 693 Article 780.10. In the twelveth line of the ninth paragraph change "thermoplastic" to "pavement marking".

Page 696 Article 781.03(a). In the last sentence of the second paragraph change "ASTM C 881, Type IV, Grade 2 or 3" to "AASHTO M 237".

Page 715 Article 806.03. In the last sentence of the first paragraph change “the top of the grounding electrode” to “100 mm (4 in.) below the exothermic connection”.

Page 728 Change the heading “**WIRE AND CABLE**” to “**LIGHTING, WIRE AND CABLE**”.

Page 728 Article 816.03(a). Revise the first sentence of the first paragraph to read, "The unit duct shall be installed according to the NEC, directly from the reels on which the unit duct was shipped, in continuous spans from terminal to terminal without splicing the duct or cables."

Page 730 Article 817.03. Revise the third sentence of the sixth paragraph to read, "The cable shall be installed in continuous spans between terminal points and splicing will only be permitted in pole handholes or junction boxes on bridge structures above grade."

Page 734 Article 821.07. Revise the third paragraph to read, "The mounting shall provide the correct position of the luminaire as recommended by the manufacturer and shall be able to withstand assigned loading according to AASHTO. The sign lighting installation shall include all aluminum conduit, fittings, attachment hardware, cable and a disconnect switch with a lockable exterior handle mounted within reach from the walkway".

Page 735 Change the heading “**CONTROLLER**” to “**LIGHTING CONTROLLER**”.

Page 735 Article 825.01. Revise the first sentence of the first paragraph to read “This work shall consist of furnishing and installing an electrical control cabinet with control device(s), distribution equipment, foundation, grounding and wiring for control of roadway lighting.”

Page 738 Change the heading “**POLE AND TOWER**” to “**LIGHTING POLE AND TOWER**”.

Page 738 Change "**SECTION 830. METAL POLES**" to " **SECTION 830. LIGHT POLES**".

Page 741 Change the heading “**FOUNDATION AND BREAKAWAY DEVICES**” to “**LIGHTING FOUNDATION AND BREAKAWAY DEVICES**”.

Page 745 Article 837.03(b). In the fourth line of the first paragraph change “503.07(a)” to “503.07”.

Page 754 Change the heading “**SIGNAL MAINTENANCE**” to “**TRAFFIC SIGNAL MAINTANENCE**”.

Page 756 Change the heading “**CONTROLLERS**” to “**TRAFFIC SIGNAL CONTROLLERS**”.

Page 758 Change the heading “**CONTROL EQUIPMENT**” to “**TRAFFIC SIGNAL CONTROL EQUIPMENT**”.

Page 761 Change the heading "**WIREWAY AND CONDUIT SYSTEM**" to "**TRAFFIC SIGNAL WIREWAY AND CONDUIT SYSTEM**".

Page 762 Change the heading "**WIRE AND CABLE**" to "**TRAFFIC SIGNAL WIRE AND CABLE**".

Page 770 Change the heading "**POST AND FOUNDATION**" to "**TRAFFIC SIGNAL POST AND FOUNDATION**".

Page 773 Change the heading "**SIGNAL HEAD**" to "**TRAFFIC SIGNAL HEAD**".

Page 774 Article 880.03. In the fourth line of the second paragraph change "optic all" to "optically".

Page 776 Change the heading "**DETECTION**" to "**TRAFFIC SIGNAL DETECTION**".

Page 786 Article 1001.06. Delete the second paragraph.

Page 798 Article 1004.01(c). In the fifth line of the second table, Coarse Aggregate Gradations (English), delete "8±4", the percent of CA 1 passing of the No. 200 sieve.

Page 798 Article 1004.01(c). In the sixth line of the second table, Coarse Aggregate Gradations (English), add "8±4" for the percent of CA 2 passing the No. 200 sieve.

Page 799 Article 1004.01(c). In notes 4/, 5/, and 6/, replace the four occurrences of " " with "±".

Page 814 Article 1006.04(b). In the third line of the first paragraph change "A 769M" to "A 709M" and "A 769" to "A 709".

Page 815 Article 1006.09. Delete the paragraph after the table.

Page 820 Article 1006.25. In the fourth line of the second paragraph change "toinstallation" to "to installation".

Page 822 Article 1006.27(b). In the first line of the second paragraph change "ASTM F 669" to "ASTM F 1043".

Page 847 Article 1009.05. Delete the last sentence of the first paragraph.

Page 864 Article 1020.04. Revise Table 1 to read:

TABLE 1. (CONT'D) CLASSES OF PORTLAND CEMENT CONCRETE AND MIX DESIGN CRITERIA								
Class of Concrete	Slump, mm	Mix Design Compressive Strength, kPa			Mix Design Flexural Strength, kPa		Air Content, %	Coarse Aggregate Gradations Permitted
		Days			Days			
		3	14	28	3	14		
BD	50-100		Min. 27,500			Min. 4650	5.0-8.0	CA-7, CA-11 or CA-14
PC	25-75			Min. 31,000			5.0-8.0	CA-7, CA-11, CA-14 or CA-7 & CA-16
	25-75			Min. 27,500			5.0-8.0	
PS	25-75			Min. 34,500			5.0-8.0	CA-7, CA-11, CA-14 or CA-7 & CA-16
PV	20-40	Ty. III Cem. Min. 24,000	Min. 24,000		Ty. III Cem. Min. 4500	Min. 4500	5.0-8.0	CA-5 & CA-7, CA-5 & CA-11, CA-7, CA-11 or CA-14
PP	100 Max.						4.0-7.0	CA-7, CA-11, CA-13, CA-14, or CA-16
MS	50-100		Min. 24,000			Min. 4500	5.0-8.0	CA-3 & CA-7, CA-3 & CA-11, CA-5 & CA-7, CA-5 & CA-11, CA-7 or CA-11
SI	50-100		Min. 24,000			Min. 4500	5.0-8.0	CA-7, CA-11 or CA-14
RR	50-100						4.0-7.0	CA-7, CA-11 or CA-14
SC	75-125		Min. 24,000			Min. 4500	N/A	CA-3 & CA-7, CA-3 & CA-11, CA-5 & CA-7, CA-7 & CA-11, CA-7 or CA-11
SH	20-40		Min. 18,500			Min. 3500	5.0-8.0	CA-5 & CA-7, CA-5 & CA-11, CA-7, CA-11, or CA-14

Page 865 Article 1020.04. In the second and third columns of Table 1, add "Pile Encasement" and “512" respectively to the Class SI Concrete section.

Page 866 Article 1020.04. Revise Table 1 to read:

TABLE 1. (CONT'D) CLASSES OF PORTLAND CEMENT CONCRETE AND MIX DESIGN CRITERIA

Class of Concrete	Slump, In.	Mix Design Compressive Strength, psi			Mix Design Flexural Strength, psi		Air Content, %	Coarse Aggregate Gradations Permitted
		Days			Days			
		3	14	28	3	14		
BD	2-4		Min. 4000			Min. 675	5.0-8.0	CA-7, CA-11 or CA-14
PC	1-3			Min. 4500			5.0-8.0	CA-7, CA-11, CA-14 or CA-7 & CA-16
	1-3			Min. 4000			5.0-8.0	
PS	1-3			Min. 5000			5.0-8.0	CA-7, CA-11 CA-14 or CA-7 & CA-16
PV	3/4 - 1 1/2	Ty. III Cem. Min. 3500	Min. 3500		Ty. III Cem. Min. 650	Min. 650	5.0-8.0	CA-5 & CA-7, CA-5 & CA-11, CA-7, CA-11 or CA-14
PP	4 Max.						4.0-7.0	CA-7, CA-11, CA-13, CA-14, or CA-16
MS	2-4		Min. 3500			Min. 650	5.0-8.0	CA-3 & CA-7, CA-3 & CA-11, CA-5 & CA-7, CA-5 & CA-11, CA-7 or CA-11
SI	2-4		Min. 3500			Min. 650	5.0-8.0	CA-7, CA-11 or CA-14
RR	2-4						4.0-7.0	CA-7, CA-11 or CA-14
SC	3-5		Min. 3500			Min. 650	N/A	CA-3 & CA-7, CA-3 & CA-11, CA-5 & CA-7, CA-7 & CA-11, CA-7 or CA-11
SH	3/4 - 1 1/2		Min. 2700			Min. 500	5.0-8.0	CA-5 & CA-7, CA-5 & CA-11, CA-7, CA-11, or CA-14

Page 872 Article 1020.06. Revise the second paragraph to read, "When fly ash, ground granulated blast furnace slag, high-reactivity metakaolin, or microsilica are used as part of the cement in a concrete mix, the water/cement ratio will be based on the total cementitious material contained in the mixture."

Page 887 Article 1020.13(d)(4). Revise the second sentence of the first paragraph to read, "On non-traffic surfaces which receive protective coat according to Article 503.19, a linseed oil emulsion curing compound meeting the requirements of Article 1022.01 will be permitted between April 16 and October 31 of the same year, provided it is applied with a mechanical sprayer meeting the requirements of Article 1101.09(b)."

Page 932 Article 1067.01(a)(1). Revise the first paragraph to read, "The lamp socket shall be mogul type, glazed porcelain, one piece rolled threads with stationary socket lead connectors that will not move during lamp insertion and removal. It shall be provided with a grip or suitable device to hold the lamp against vibration. The rating of the socket shall exceed the lamp starting voltage, or starting pulse voltage rating."

Page 933 Article 1067.01(a)(5)a. Delete the last two sentences of the sixth paragraph.

Page 934 Article 1067.01(a)(5)b. Revise the fifth sentence of the third paragraph to read, "Proper ignition shall be provided over a range of -15 percent to +5 percent of rated voltage."

Page 938 Article 1067.01(c)(1)a. In the first line of the second paragraph change “60 to 75 mm (2 3/8 to 3 in.)” to “50 to 60 mm (2 to 2 3/8 in.)”.

Page 945 Article 1067.01(f)(2)e. At the end of the first sentence of the first paragraph change “maximum voltage of 3,300 volts.” to “rated voltage of 600 V.”.

Page 954 Article 1068.01(e)(2)h. In the third line of the first paragraph change “350” to “377”, “520” to “560” in the fourth line and “illmination” to “illumination” in the fifth line.

Page 960 Article 1069.01(b)(2)d. In the eleventh line of the first paragraph change “anit-sieze” to “anti-seize”.

Page 964 Article 1069.01(c)(1). In the fourth line of the second paragraph change “10” to “11”.

Page 967 Article 1069.01(c)(2)c.2. Revise the first sentence of the second paragraph to read “The davit arm shall have a 90 mm (3 1/2 in.) minimum inside diameter at the slip joint.”

Page 967 Article 1069.01(c)(2)c.2. In the fourth line of the second paragraph change “50 mm (2 in.)” to “60 mm (2 3/8 in.)”.

Page 969 Article 1069.01(c)(3)b.2. In the second line of the second paragraph revise “50 mm (2 in.)” to “60 mm (2 3/8 in.)”.

Page 972 Article 1069.01(e)(4). Revise the second sentence of the first paragraph to read, "Poles shall have a single piece shaft with a 250 mm (10 in.) minimum outside bottom diameter at ground line, tapering to a 130 mm (5 in.) minimum outside top diameter."

Page 978 Article 1069.04(b). In the first line of the eighth paragraph change “door” to “pocket door”.

Page 981 Article 1069.04(d)(1). In the fourth line of the second paragraph change “Feferal” to “Federal”.

Page 981 Article 1069.04(d)(3). In the first line of the first paragraph change “Towrs” to “Towers”.

Page 988 Article 1070.01. In the table after the first paragraph, change the references for both Helix Screw and Pilot Point from “ASTM A635” and “ASTM A575”, respectively, to “AASHTO M 270M, Grade 250 (M 270, Grade 36)”.

Page 988 Article 1070.02. Delete the second sentence of the first paragraph

Page 988 Article 1070.02. In the first sentence of the second paragraph delete "hot dip".

Page 1020 Article 1079.02. Change second subparagraph "(b)" to "(c)".

Page 1048 Article 1086.01(a)(7). Add the following to the end of the first paragraph, "Where installed in a heavy salt spray environment, the enclosure shall be stainless steel."

Page 1094 Article 1095.05(k). Delete the second sentence of the fifth paragraph.

Page 1165 In the subject Index change the following referenced page numbers:
Aboriginal Records and Antiquities from “26” to “33”.
Backfill, for pipe drains from “657” to “561”.
Backfill, for pipe underdrains from “658” to “561”.
Backfill, for sight screens from “600, 604” to “601, 605”.
Backfill, for underground storage tanks from “616” to “626”.

Page 1166 In the subject Index change the following referenced page numbers:
Bolts, anchor from “368” to “356”.
Bolts, high strength steel from “422” to “393”.
Bolts, turned and ribbed from “421” to “393”.
Cable, road guard from “712” to “595”.
Chemical Adhesive from “1053” to “899”.
Concrete, collars from “595” to “512”.
Concrete, Materials, haul time from “874” to “880”.
Curb, bituminous shoulder from “727” to “605”.
Curb, concrete shoulder from “729” to “606”.

Page 1167 In the subject Index change the following referenced page numbers:
Ditch, paved, removal from “303” to “283”.
Elastic Joint Sealer from “651” to “555”.
Fence, chain link from “610” to “608”.
Fiberglass Fabric Repair System from “335” to “308”.
Fire Hydrant, moving from “632” to “538”.
Flaggers from “776” to “638”.
Foundations, concrete, for sign structures from “818” to “682”.
Gates, sluice from “688” to “580”.
Grout, epoxy, materials from “897” to “898”.
Guardrail, temporary from “801” to “665”.

Page 1168 In the subject Index change the following referenced page number:
Mulch from “96” to “104”.

Page 1169 In the subject Index change the following referenced page numbers:
Patching, class A, B, C & D from “228” to “288”.

Pavement Marking from “823” to “687”.
Pole, metal light from “971” to “738”.

Page 1170 In the subject Index change the following referenced page numbers:
Reinforcement Bars from “482” to “434”.
Rumble Strips, temporary from “791” to “653”.
Screen, chain link fence sight from “722” to “602”.
Screen, glare from “718” to “599”.

Page 1171 In the subject Index change the following referenced page numbers:
Signs, construction from “1221” to “1042”.
Signs, maintenance of from “1225” to “1045”.
Slope Wall from “494” to 442”.
Sodium Chloride, Material from “1012” to “860”.
Terminals, traffic barrier from “702” to “589”.

Page 1172 In the subject Index change the following referenced page numbers:
Trench, for electrical work from “860” to “726”.
Vaults, valve from “665” to “566”.
Waiver of Legal Rights from “343” to “43”.
Waterproofing, railway structures from “634” to “539”.

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